

RESOUNDIFY

GMIC-CP

Dante microphone with control panel



PRODUCT OVERVIEW

The **GMIC-CP** is a professional-grade Dante-enabled microphone that integrates a smart control panel for seamless operation. Featuring a 7-inch Android touch screen as its intuitive interface, it combines advanced audio technology with user-friendly functionality.

With a built-in microphone pre-amplifier module and digital audio transmission, the GMIC-CP ensures high-fidelity sound quality and stable signal delivery. Its versatile design supports a wide range of applications, making it ideal for conferences, boardrooms, control rooms, and command centers.

Engineered to meet the most demanding requirements for sound clarity and network stability, the GMIC-CP delivers reliable performance in any professional communication environment.

KEY FEATURES

- **7-inch Android Touch Screen:** Provides an intuitive control interface with customizable UI design based on the processor.
- **Customizable Interface:** Supports importing personalized user interfaces for flexible operation.
- **Web Browser & App Support:** Enables convenient control and system monitoring via Web browsers and dedicated applications.
- **Flexible Signal Output:** Rear panel source dial allows switching between Analog and Digital (Dante) outputs.
- **Dual Signal Handling:** In analog mode, outputs via line-out; in digital mode, delivers Dante audio while allowing analog input as Dante receive signal.
- **Built-in Microphone Pre-amplifier:** Ensures clear, professional-quality sound pickup.
- **Stable Digital Transmission:** Guarantees reliable audio delivery in mission-critical applications.
- **Versatile Applications :** Ideal for conferences, boardrooms, command centers, and control rooms.

APPLICATIONS

- Boardrooms
- Classrooms
- Auditorium

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TECHNICAL SPECIFICATIONS

System Specifications

| | |
|------------------|--|
| Operating System | Android 10.0 |
| Display | 7" RGB Touch Screen, 1024 × 600 resolution |
| Processor | A133, 1.6GHz Cortex-A53, Quad-core, 64-bit |
| RAM | 2 GB |
| Storage | 16 GB |
| User Interface | Supports Web browser and App control; customizable user interface import |

Technical Specifications

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|-----------------------------|--|
| Microphone Type | Condenser gooseneck microphone with phantom power (48V) |
| Microphone Pre-Amp | 0–30 dB gain (1 dB step), adjustable via back-panel knob |
| Polar Pattern | Hypercardioid |
| Frequency Response | 20 Hz – 20 kHz (0 / -0.6 dB) |
| Maximum Output Level | +13 dBu |
| Microphone Sensitivity | -40 dB (1V / 1Pa) |
| Sampling Rate | 48 kHz |
| THD+N | < 0.05% |
| Input Dynamic Range | 96 dB |
| Output Dynamic Range | 96 dB |
| Signal-to-Noise Ratio (SNR) | ≥ 90 dB |
| Output Impedance | 100 Ω balanced |

Audio & Connectivity

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|---|--|
| Dante Channels | 1 x 1 (Tx/Rx) |
| Analog Output | 1 × Balanced output (source-selectable: Analog or Dante) |
| Signal Output Selection A Mode (Analog) | Output via rear-panel line-out |
| D Mode (Digital) | Output via Dante; analog interface functions as Dante receive signal |
| Paging Modes: Mode 1 (Press-to-Talk) Mode 2 (Lock Mode) | Press and hold mic button to speak Triple-tap to lock, allowing hands-free paging |

Mechanical Specifications

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|---------------------|---|
| Form Factor | Desktop paging station with gooseneck microphone |
| Construction | Metal housing with 7" capacitive touch screen |
| Power Supply | 12V DC input PoE (Power over Ethernet) |
| Dual Power Function | Supports simultaneous DC + PoE for main/backup redundancy |